

## **Commercial in Confidence**



### **Procurement for Very High Speed Global Internet Transit Service Clarification Note 3**

This document and the information it contains are provided solely for the purpose of allowing potential suppliers to provide a response to the OR for the services being procured. It is issued under the Open Procedure of the EC Procurement Services Directive.

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**3<sup>rd</sup> June 2005**

**Question:**

What is your traffic approximate profile in % terms between US / Europe / UK

**Answer:**

We are not in a position to give details.

**Questions:**

Are you mainly supply access to download content from the internet or are you supplying internet content?

**Answer:**

No, the required service is for general internet access. However, there are some Universities hosting educational contents which is free for anyone to access.

**Questions:**

What level of UBB commitment are you considering.

**Answer:**

(Our best guess of UBB is Usage Based Billing, so the answer is along this line.) We would encourage suppliers to offer multiple options, starting from 1 Gbps .

**Questions:**

What is your target price?

**Answer:**

We are not in a position to release this information.

**11<sup>th</sup> May 2005**

**Question:**

Would you accept a 10G solution that is based on 10GE? If yes, what port type would you prefer - 10GE-LR or 10GE-ER?

**Answer:**

UKERNA would not accept a 10G solution that is based on 10GE. UKERNA's preferred interface is a 10 Gbit/s, single mode, intermediate reach, packet over SONET interface. We will accept short or long-reach optics type for STM-64 POS if necessary.

**Question:**

Are the bandwidth requirements of 10Gbps for direct access into the Internet or for direct connectivity into North America? Does this include Canada and are there any specific areas desired to reach?

**Answer:**

The requirement is for a direct access to the Internet, not a direct connectivity into North America, nor direct connectivity to any other areas.

**Question:**

Based on a possible answer to question above - what level of Security and Privacy is required? Is a secure/private connection to North America and perhaps a breakout into the internet from there what is being sought?

**Answer:**

No specific requirement, apart from internet best practice, is asked in this area.

**Question:**

In IR12 mentions South America, Africa, Asia Pacific and Commercial Europe. Is similar connectivity required for these locations under this arrangement or is it being sought separately?

**Answer:**

No, no direct connectivity to these areas is asked in this procurement.

**Question:**

Is CPE management required?

**Answer:**

No.

**Question:**

What is the capacity of the interconnection between the sites in Telecity and Telehouse? Will routing between these sites be performed and managed by UKERNA? If so, how will this be carried out?

**Answer:**

The above queries are irrelevant to this procurement.

**Question:**

What are the minimum latencies and hops that would need to be adhered to?

**Answer:**

We have not defined a minimum figure, but will weight the tender with short latency and fewer hops higher in the selection.

**Question:**

What is the nature of the traffic?

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**Answer:**

Any data that can be transported on the internet. Traffic is peaking from 11am until 17:00pm during working days and load stays high until the middle of the night.

**Question:**

Are there any target sites in North America and other countries that we could use for testing purposes?

**Answer:**

No.

**Question:**

What is the size of the IP address block for each 10Gbps connection?

**Answer:**

/30

**Question:**

Who is the current supplier of this service?

**Answer:**

Sprint and Level3.

**4<sup>th</sup> May 2005**

**Question:**

Is this procurement for Transit in isolation or are tail circuits required as well, and if so to where?

**Answer:**

The required service should be delivered from a supplier's PoP to a UKERNA PoP either at Telehouse North or Telecity Harbor Exchange as specified in the OR. The supplier should arrange the tail circuit to meet UKERNA's requirement. There is no consideration of separating the transit service and the tail circuit in this procurement.